

REMARKS

Claims 1-8 are pending in the above-referenced application.

The specification and claims 1 and 3 have been amended with this response to correct obvious typographical errors. The specification has also been amended for clarity's sake. Figure 2 is amended to make it consistent with claim 1, paragraphs 0024-0025, and Figure 3 as well. No new matter has been introduced with these amendments.

Claims 1-8 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter. The Patent Office identifies the claimed pick-up region as the source of the indefiniteness. The Patent Office asserts that the specification describes the pick-up region as part of a silicon oxide layer that is doped with boron, and that the purpose or composition of the pick-up region is unclear. Applicant respectfully traverses this rejection.

As described in the specification (page 6, lines 19-21), the pick-up region 26 has the same conductive type to the field stop implant region 24 and (page 7, lines 7-9) is formed by implanting the impurity of the same conductive type as the field stop implant region 24, such as boron (B) with a high concentration. Therefore, as described in the specification, the pick-up region 26 must have the same conductive type as that of the field stop implant region 24. One such example is that it be formed by implanting an impurity (e.g. boron) of the same conductive type as that of the field stop implant region. Therefore, the composition of the pick-up region 26 has been distinctly described and claimed.

Claim 3 is further rejected for using Ph as the symbol for phosphorus instead of P. Claim 3 has been amended to reflect this correction. It is submitted that the §112, second paragraph rejection can properly be withdrawn.

In view of the above amendments and arguments, applicant believes the pending application is in condition for allowance and an early action so indicating is respectfully requested.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 13-2855, under order number 29936/39866.

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Respectfully submitted,

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